

Claims

1. A three-dimensional model, comprising:
a membranous model replicating a body cavity such as a blood vessel inside
5 thereof; and
a translucent base material surrounding the membranous model, having elasticity and adhesiveness with respect to the membranous model.
2. The three-dimensional model according to claim 1, further comprising a
10 translucent casing accommodating the base material, wherein the base material has a margin for allowing a free change of the membranous model between the casing and the membranous model.
3. The three-dimensional model according to claim 1, wherein the membranous
15 model is formed of a silicone elastomer or a urethane elastomer, and the base material is formed of a silicone gel or a urethane gel.
4. The three-dimensional model according to claim 1, wherein a refractive index of
the membranous model is substantially equal to a refractive index of the base material.
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5. The three-dimensional model according to claim 1, wherein the membranous
model is formed of a translucent material and when an external force is applied to this,
internal stress is not substantially generated in a thickness direction but generated in a
direction along a surface;
25 the base material is formed of a material that does not substantially produce an
internal stress; and
the three-dimensional model is used for observing a photoelastic effect.
6. The three-dimensional model according to claim 5, wherein the membranous
30 model is formed to have an annular shaped cross-section having substantially the same
thickness.